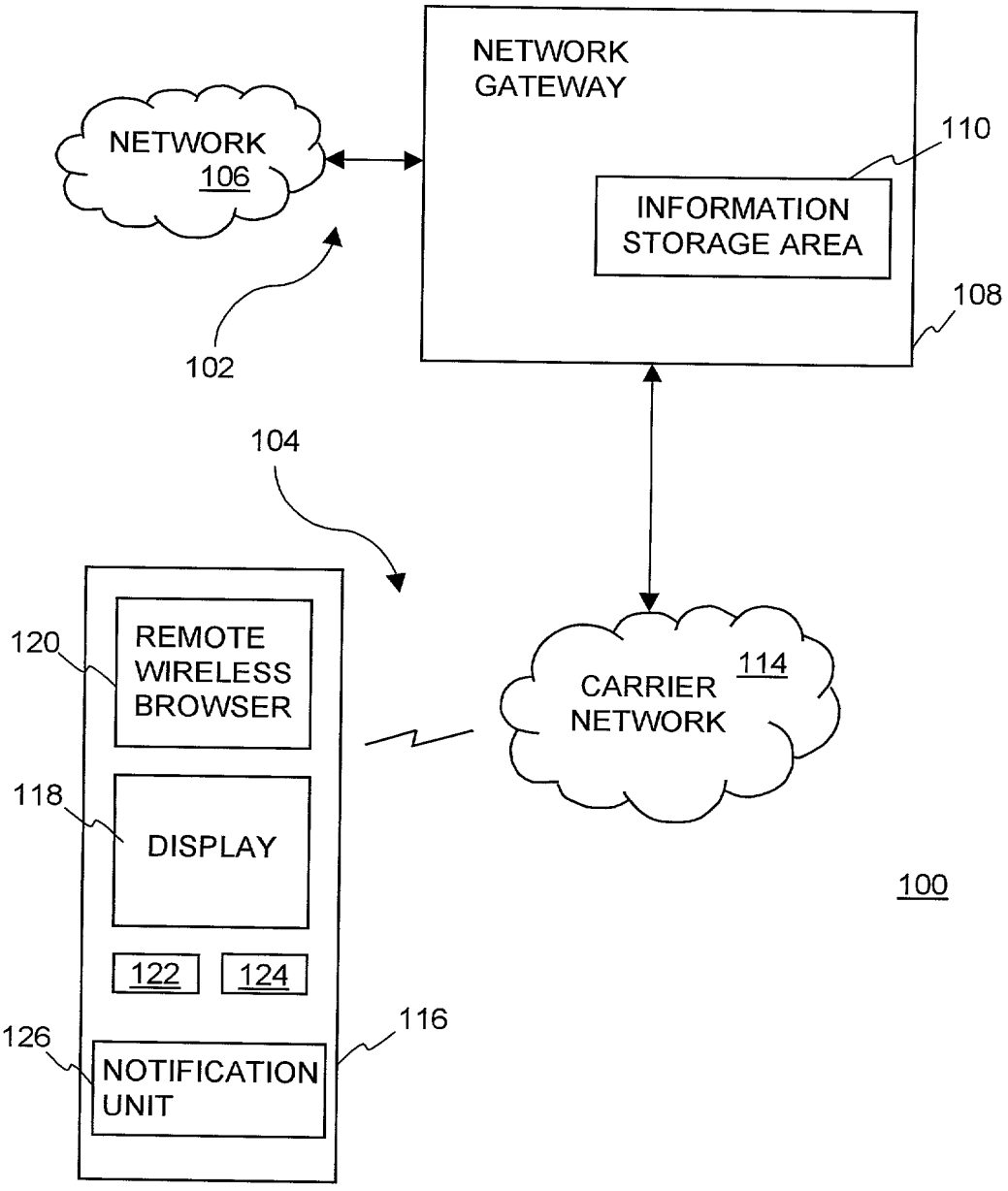
NETWORK GATEWAY
NETWORK
106
110
INFORMATION STORAGE AREA
108
102
104
120
REMOTE WIRELESS BROWSER
118
DISPLAY
122
124
126
NOTIFICATION UNIT
116
CARRIER NETWORK
114
100

FIG. 1

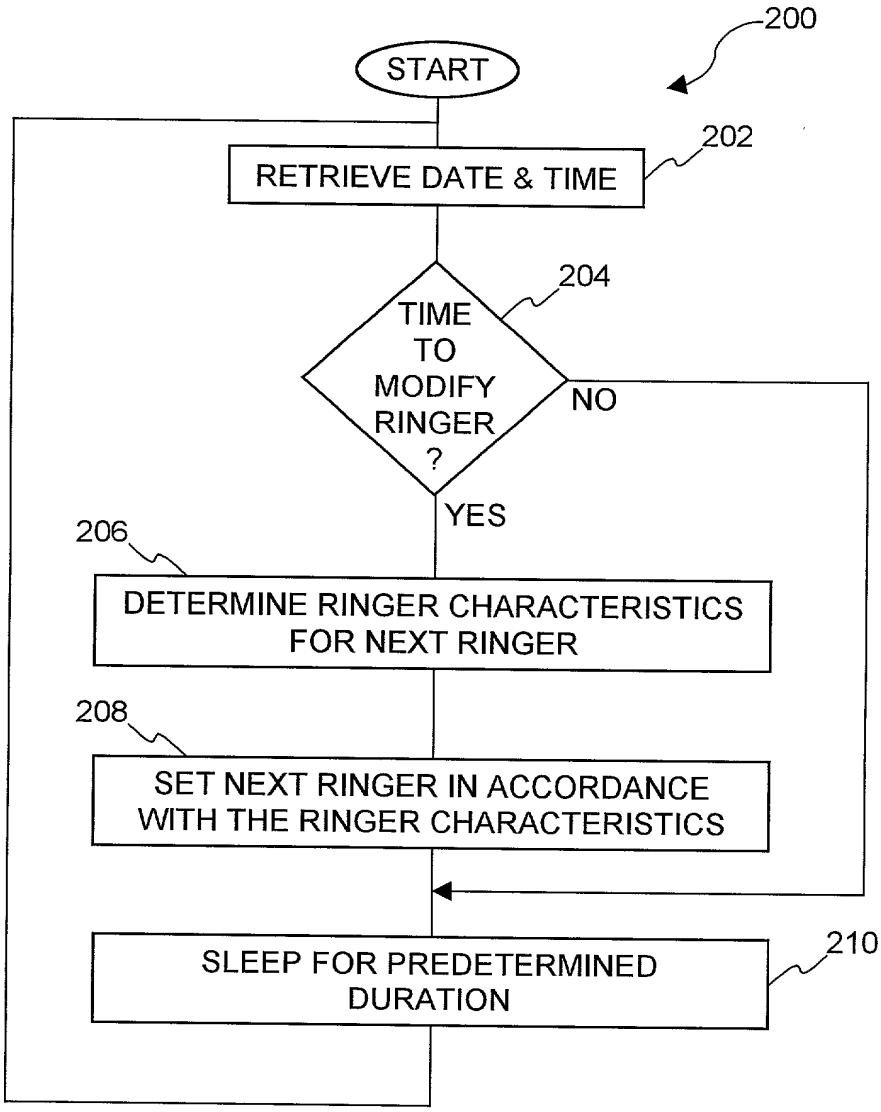
200
START
202
RETRIEVE DATE & TIME
204
TIME TO MODIFY RINGER ?
NO
YES
206
DETERMINE RINGER CHARACTERISTICS FOR NEXT RINGER
208
SET NEXT RINGER IN ACCORDANCE WITH THE RINGER CHARACTERISTICS
SLEEP FOR PREDETERMINED DURATION
210

FIG. 2

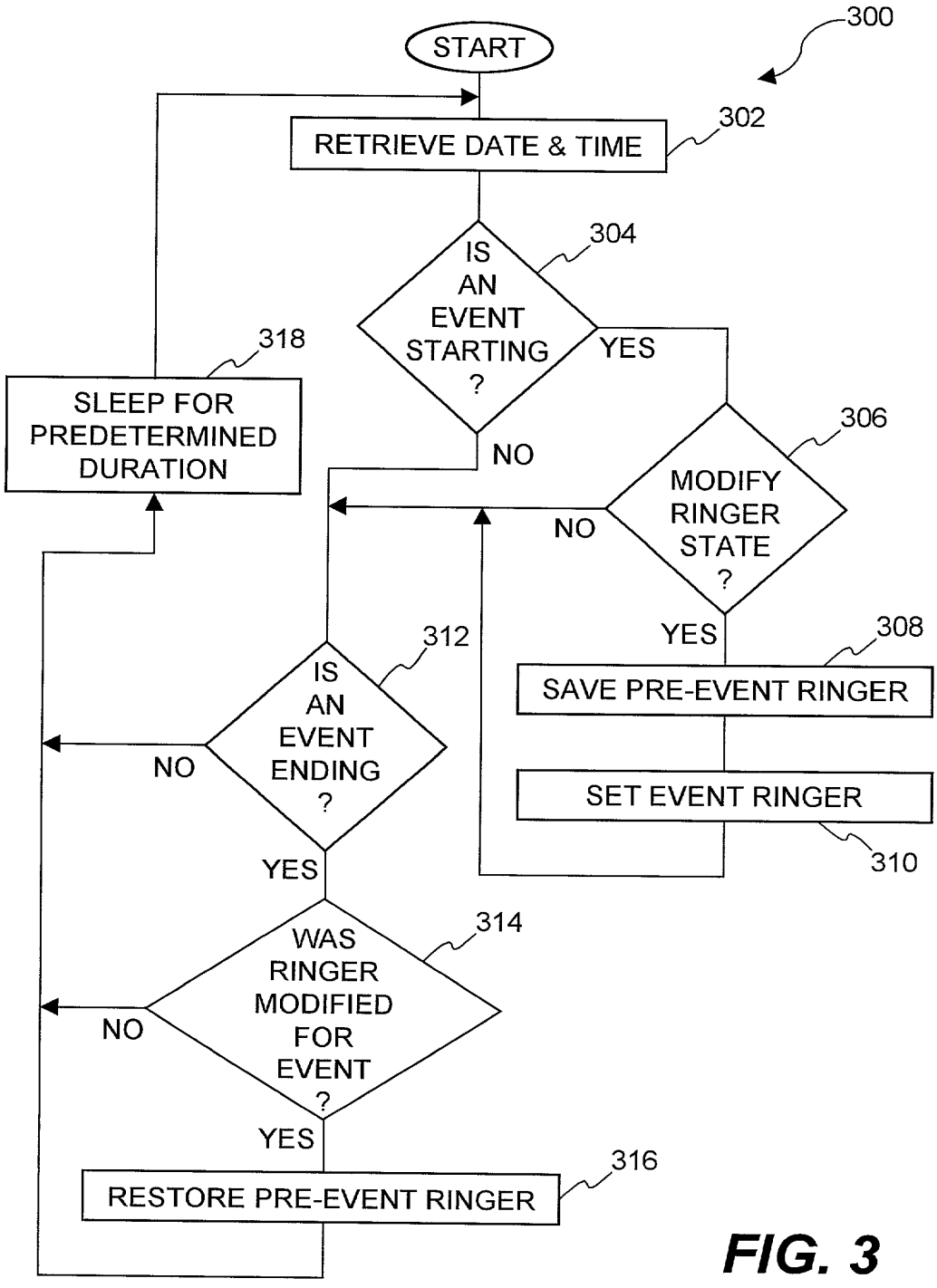
300
START
RETRIEVE DATE & TIME
302
IS AN EVENT STARTING ?
304
YES
NO
MODIFY RINGER STATE ?
306
NO
YES
SAVE PRE-EVENT RINGER
308
SET EVENT RINGER
310
IS AN EVENT ENDING ?
312
NO
YES
WAS RINGER MODIFIED FOR EVENT ?
314
NO
YES
RESTORE PRE-EVENT RINGER
316
SLEEP FOR PREDETERMINED DURATION
318

FIG. 3

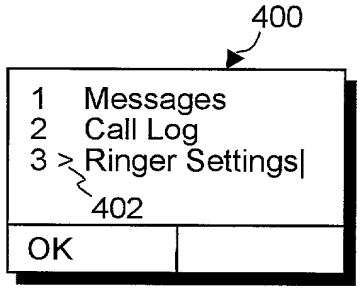

FIG. 4A

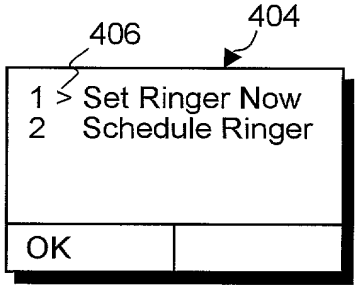

FIG. 4B

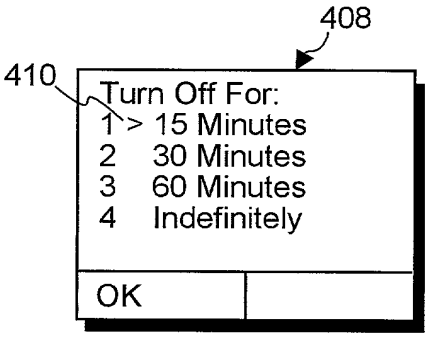

FIG. 4C

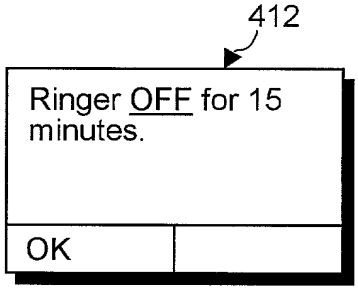

FIG. 4D

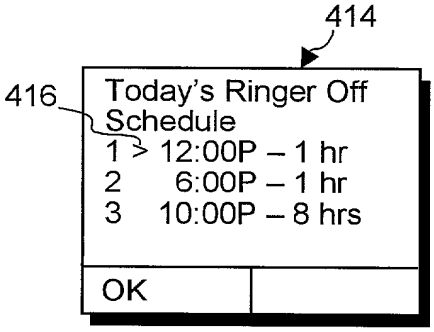

FIG. 4E

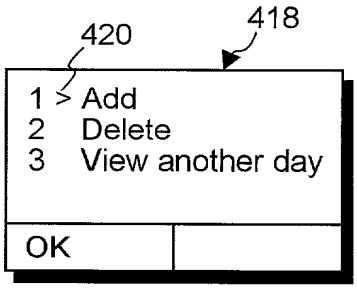

FIG. 4F

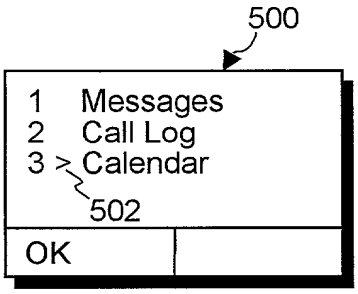

FIG. 5A

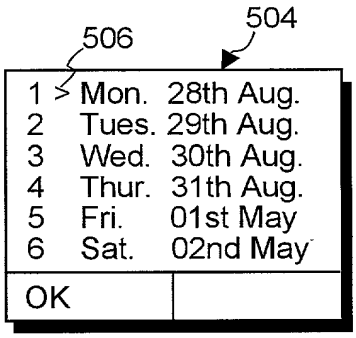

FIG. 5B

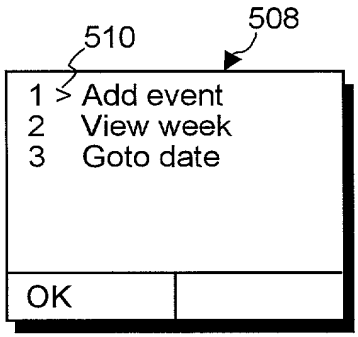

FIG. 5C

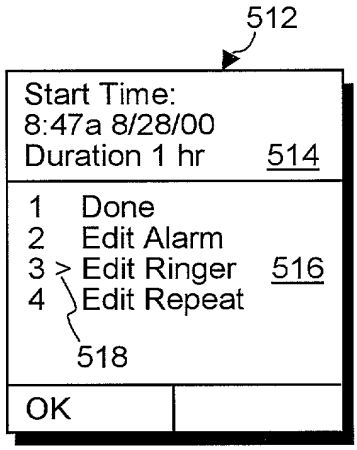

FIG. 5D

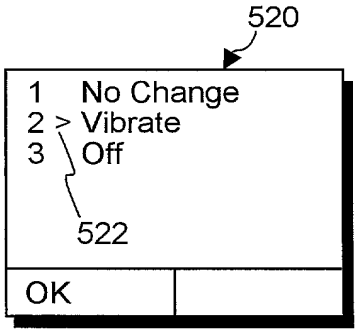

FIG. 5E

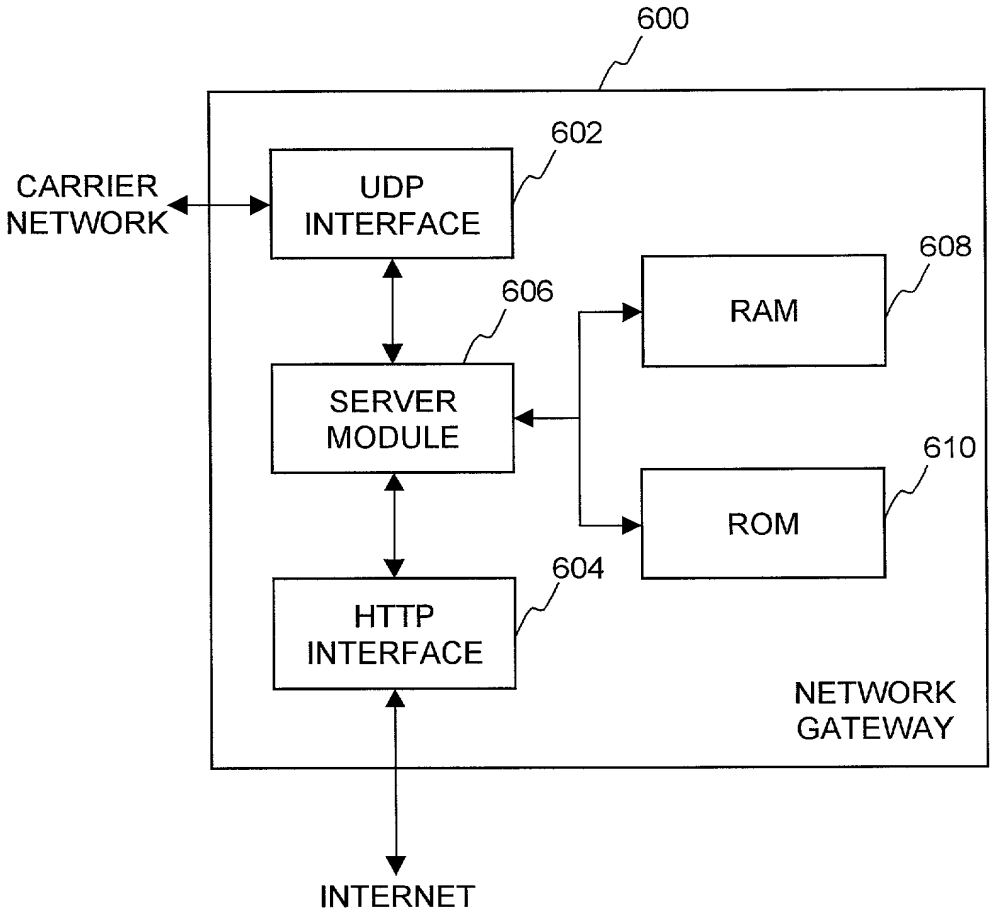
600
602
CARRIER NETWORK
UDP INTERFACE
608
606
RAM
SERVER MODULE
610
ROM
604
HTTP INTERFACE
NETWORK GATEWAY
INTERNET

FIG. 6A

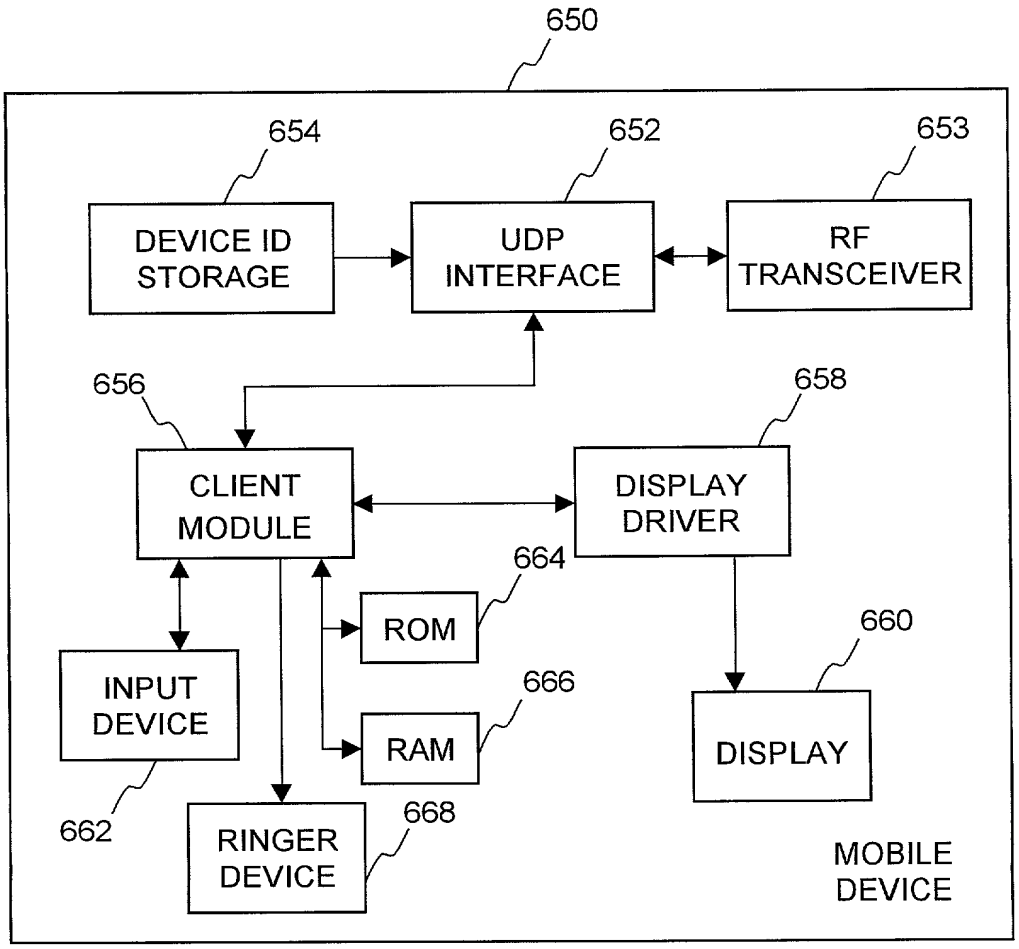
650
654
652
653
DEVICE ID STORAGE
UDP INTERFACE
RF TRANSCEIVER
656
658
CLIENT MODULE
DISPLAY DRIVER
664
ROM
660
INPUT DEVICE
666
RAM
DISPLAY
662
668
RINGER DEVICE
MOBILE DEVICE

FIG. 6B